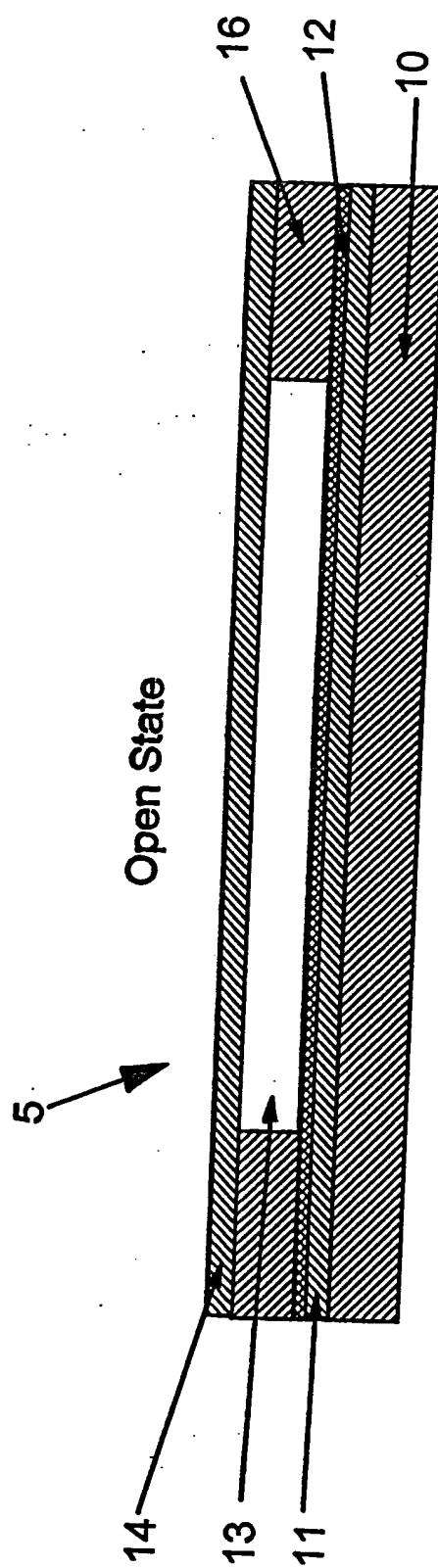


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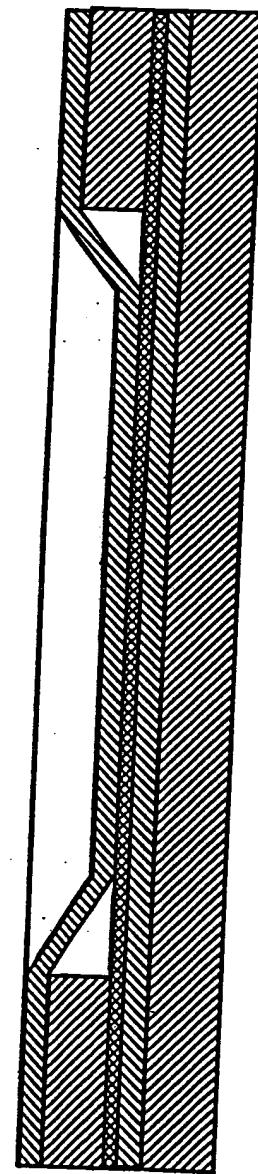
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Open State

Figure 1A (PRIOR ART)



Closed State

Figure 1B (PRIOR ART)

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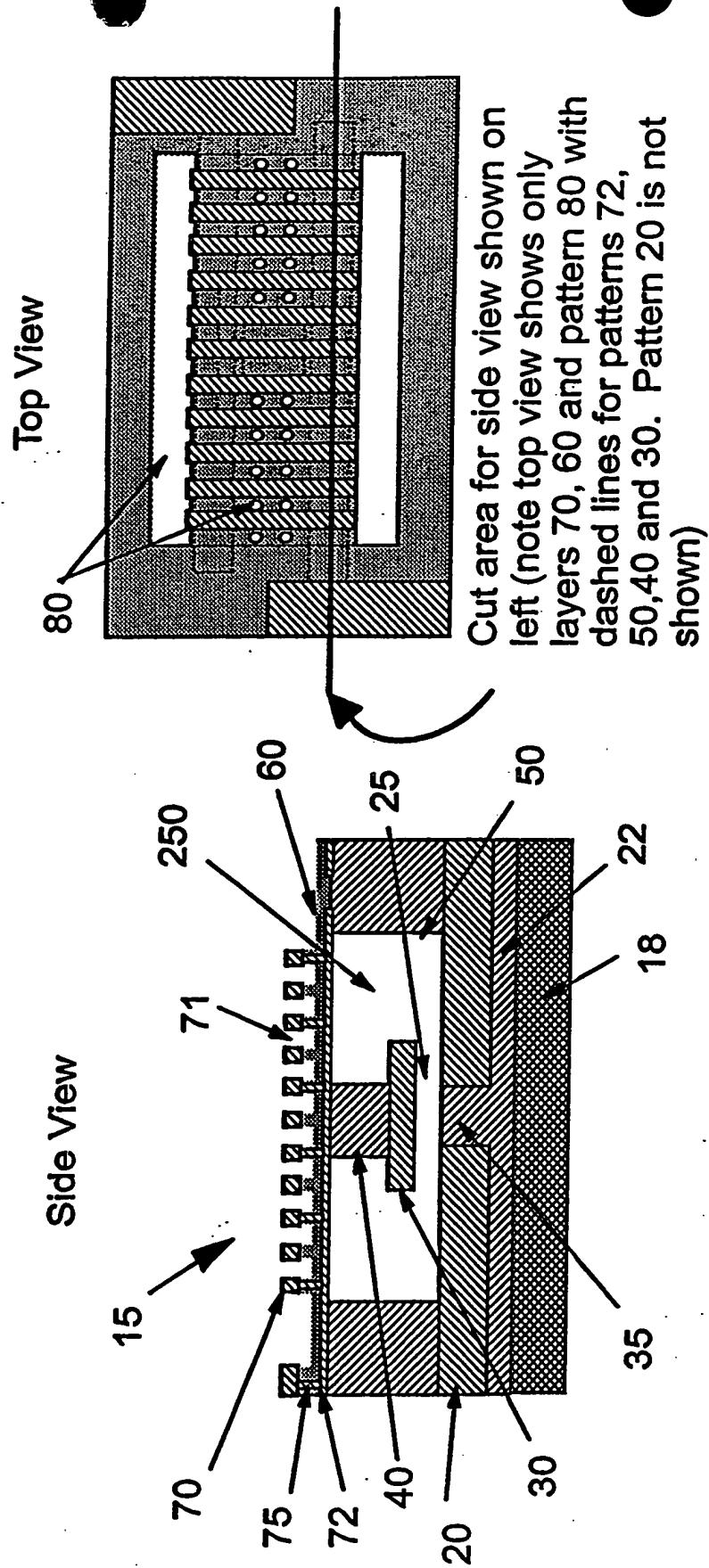


Figure 2A

Figure 2B

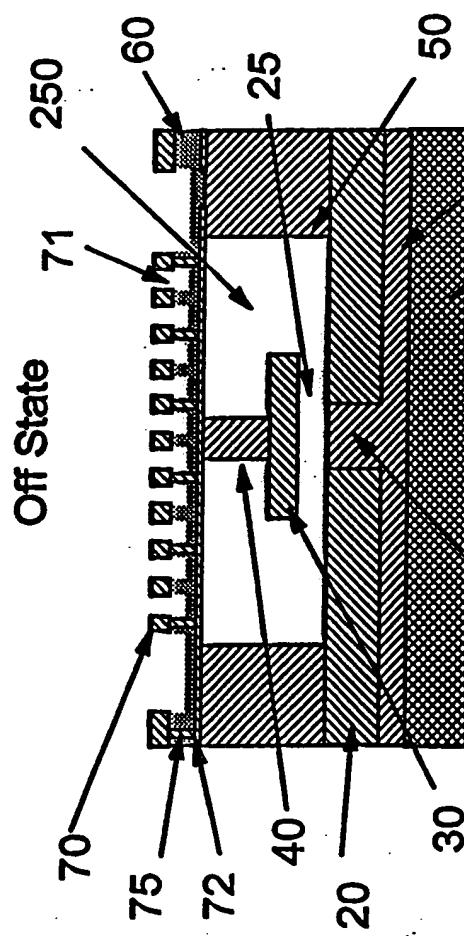


Figure 3A
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Electrostatic attraction
between metal
actuators results in a
bending curvature of
the membrane

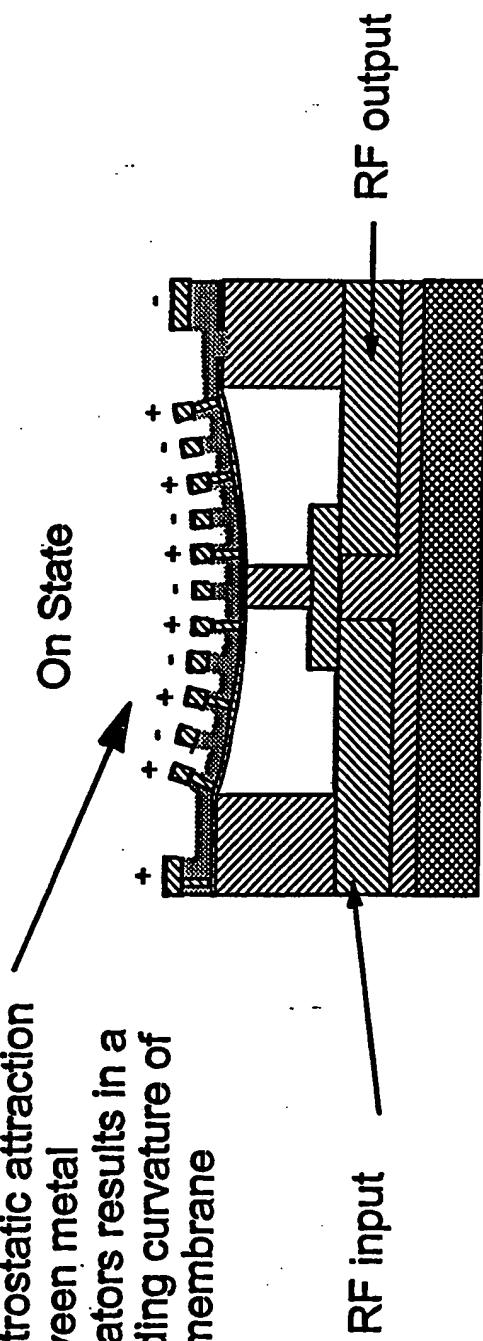


Figure 3B

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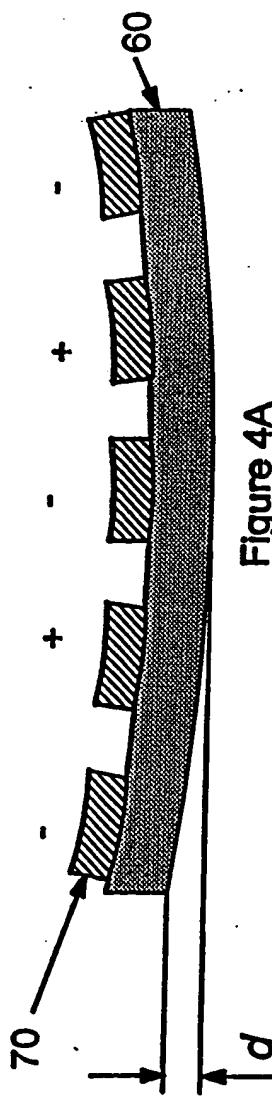


Figure 4A

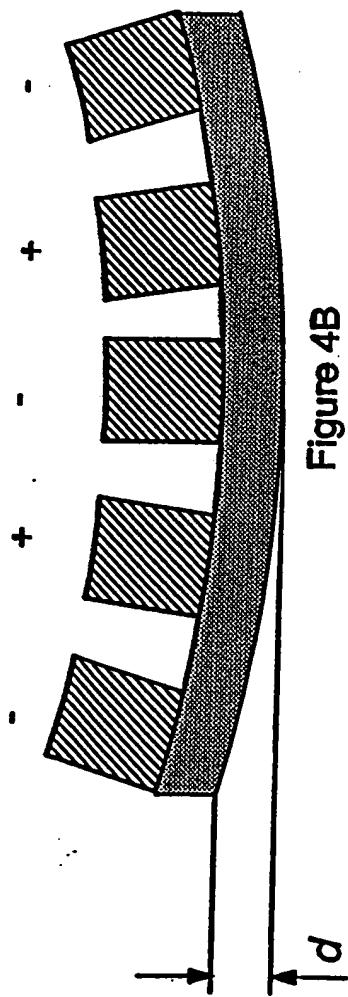


Figure 4B

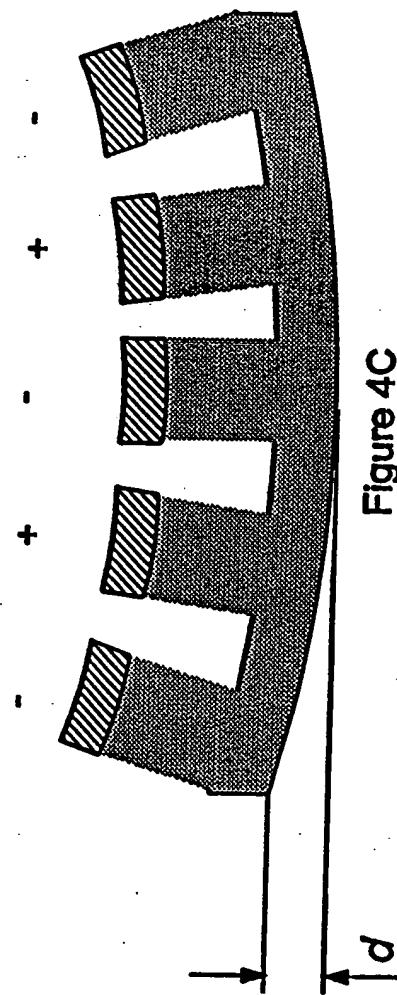
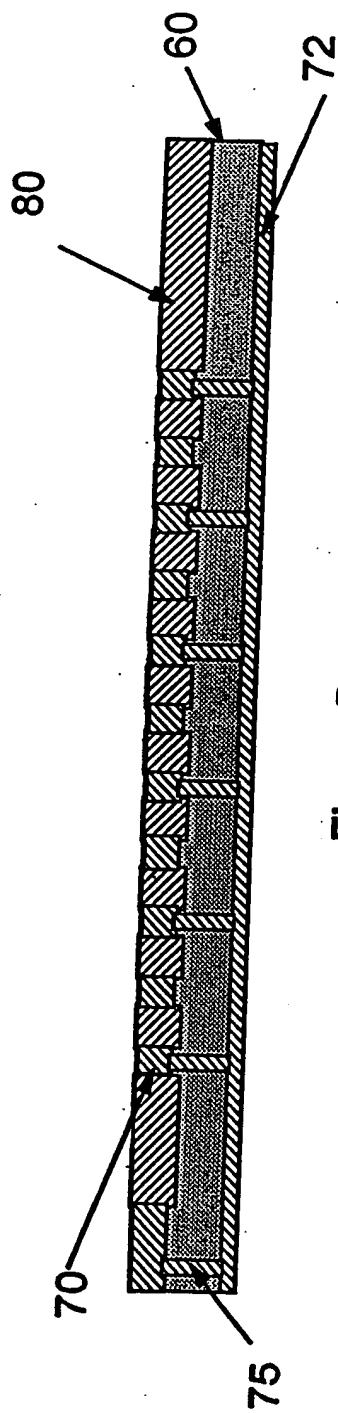


Figure 4C

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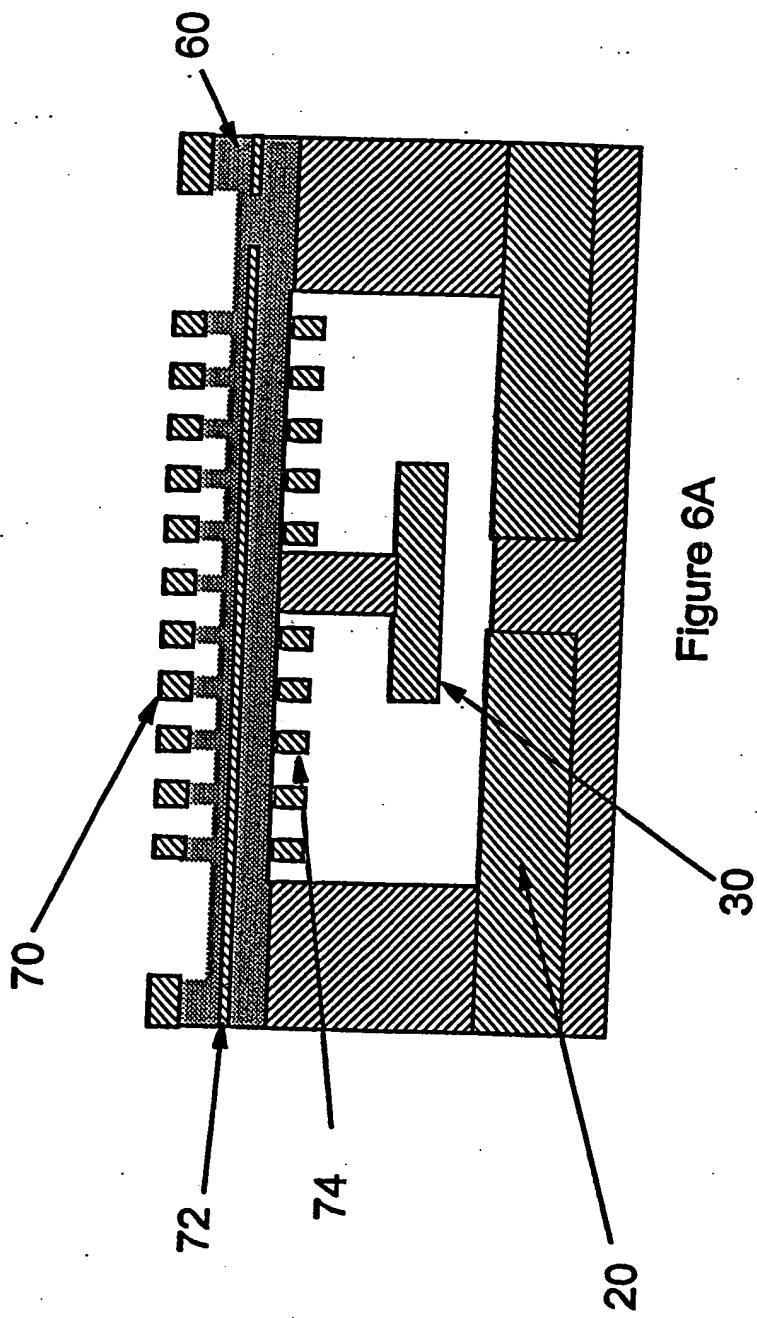


Figure 6A

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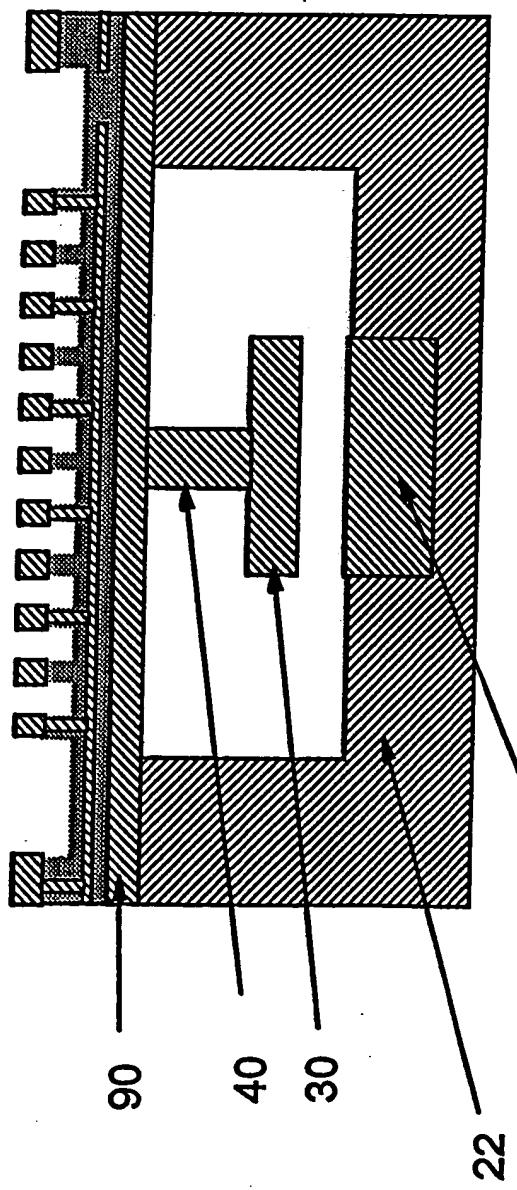


Figure 6B

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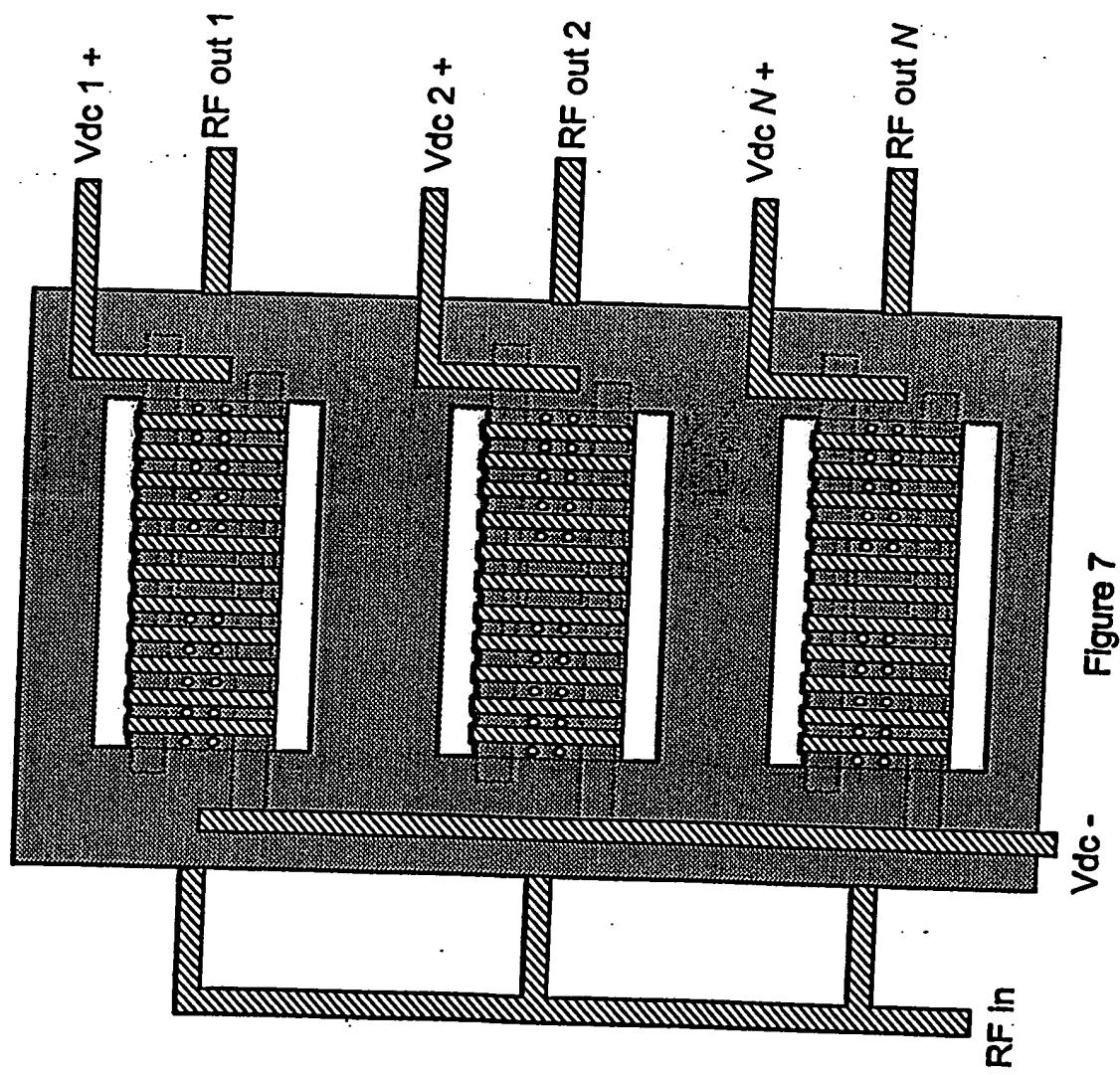
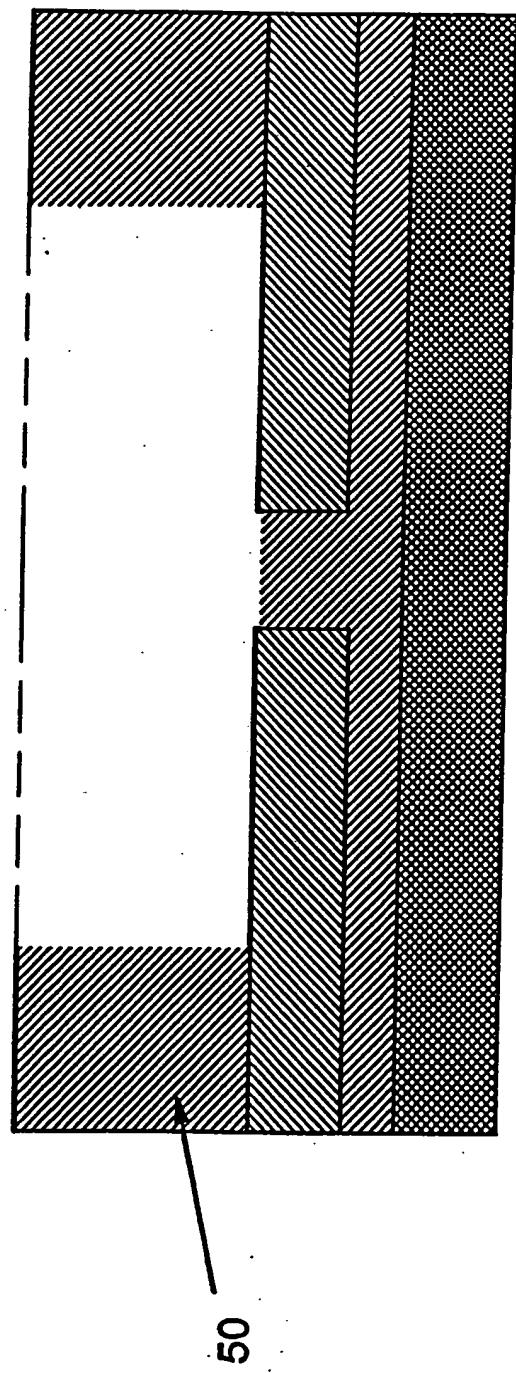
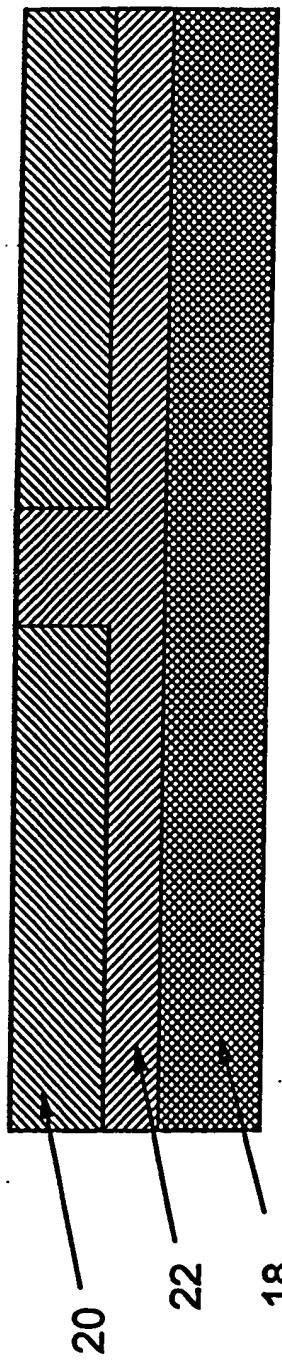


Figure 7

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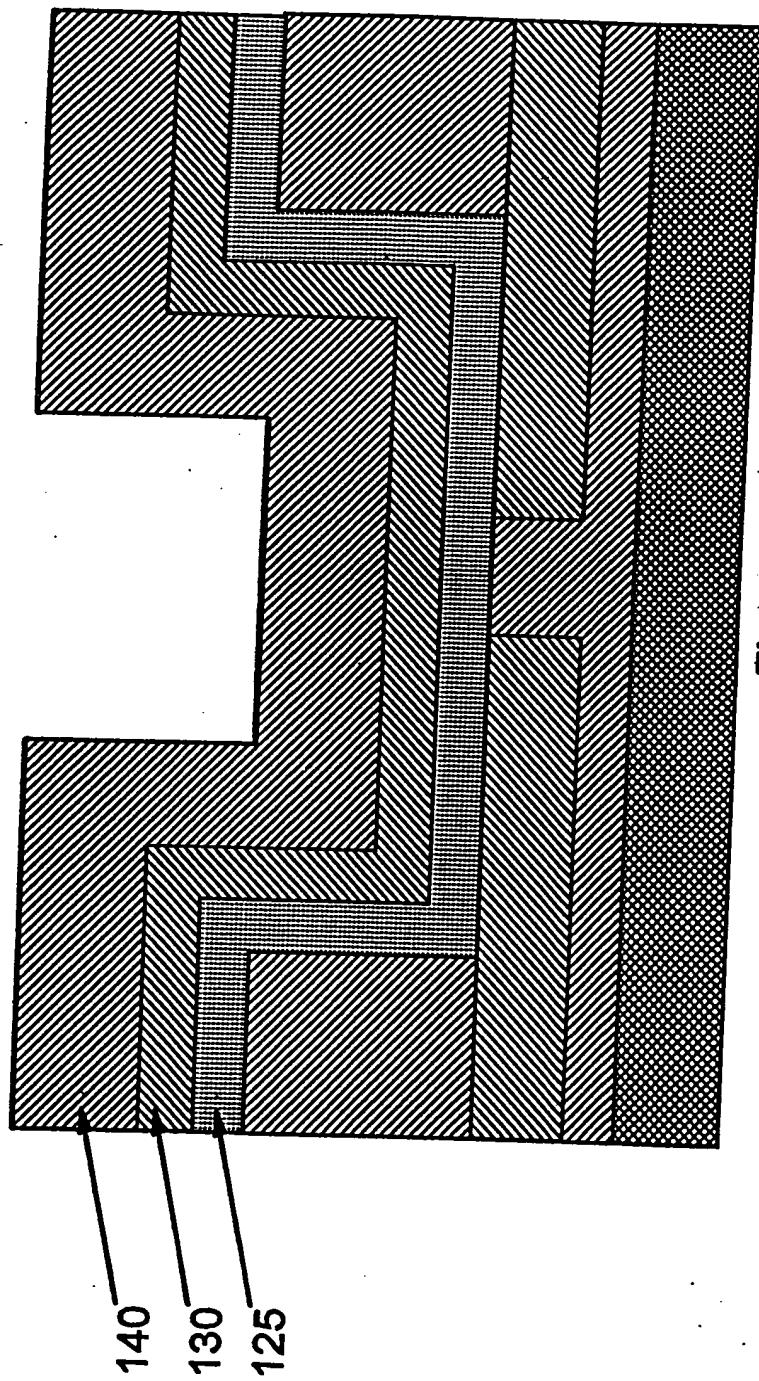


Figure 8C

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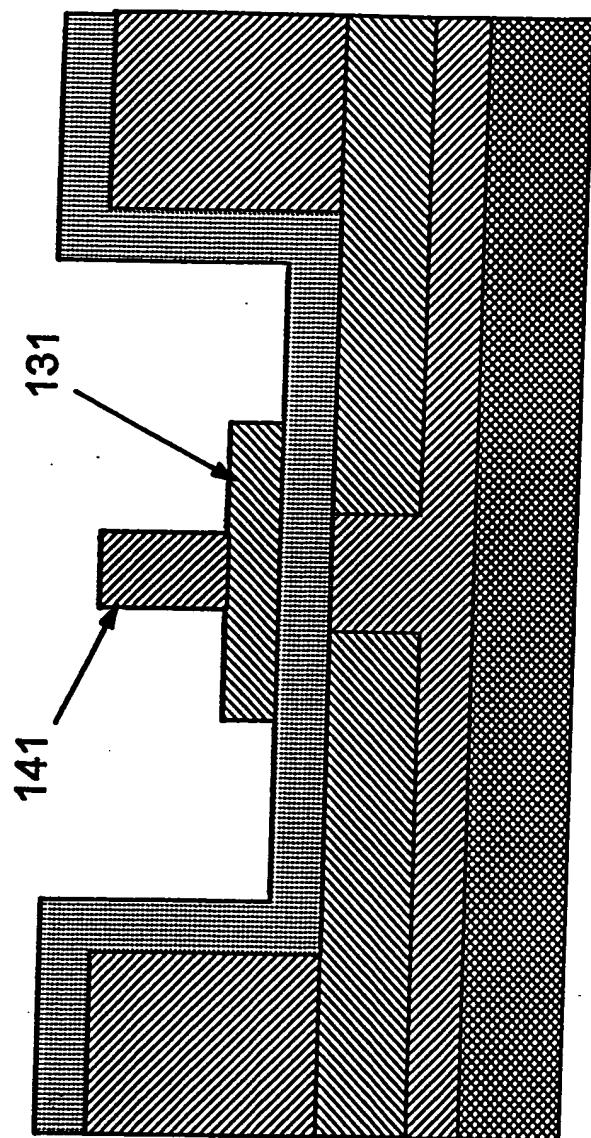


Figure 8D

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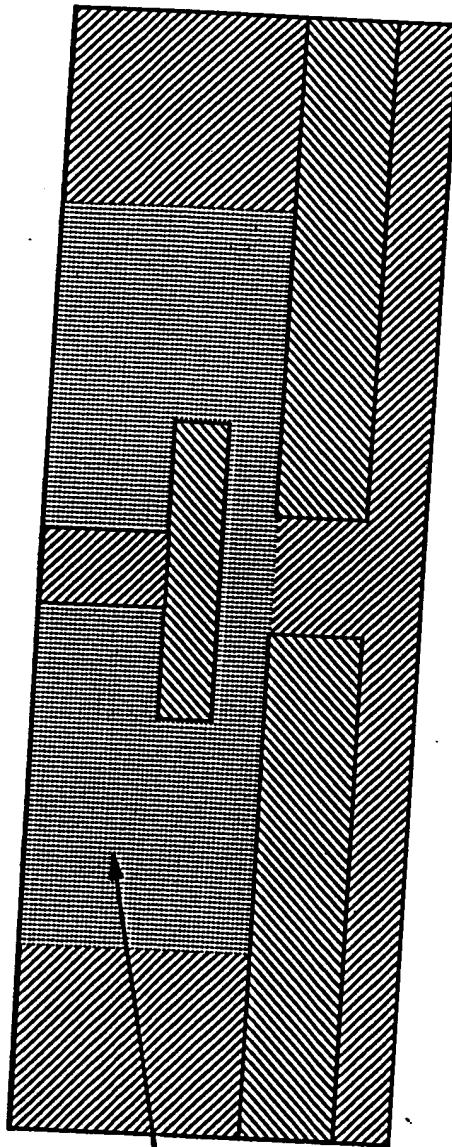


Figure 8E

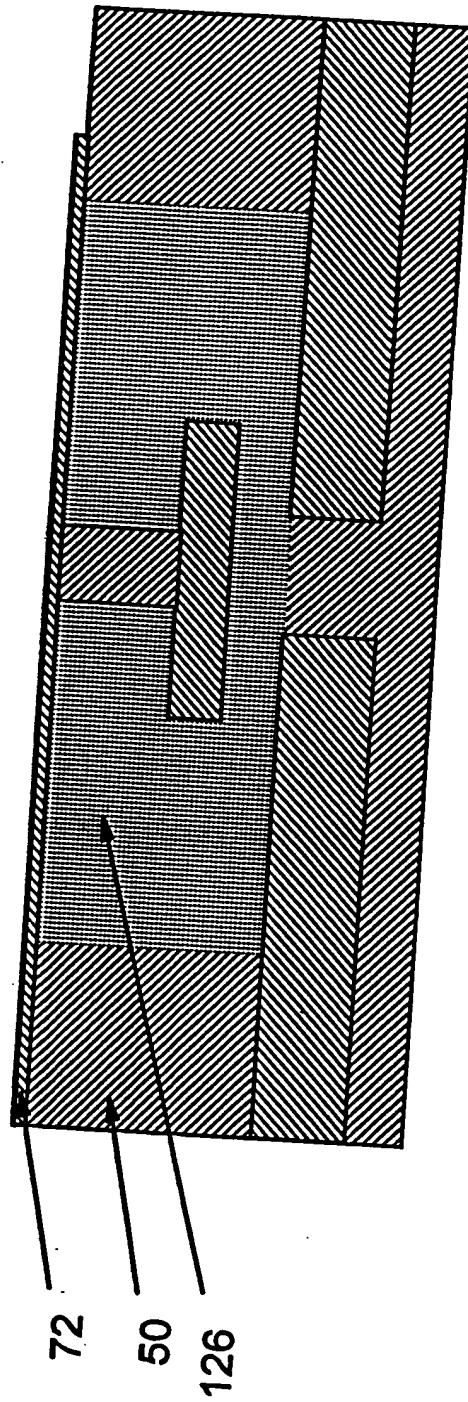
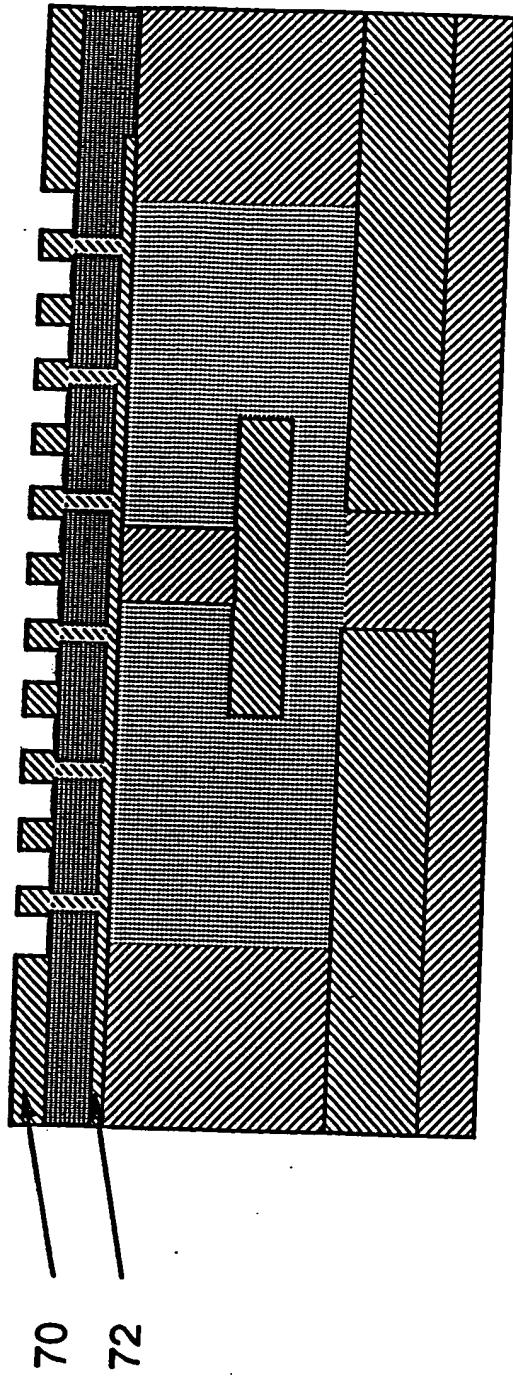
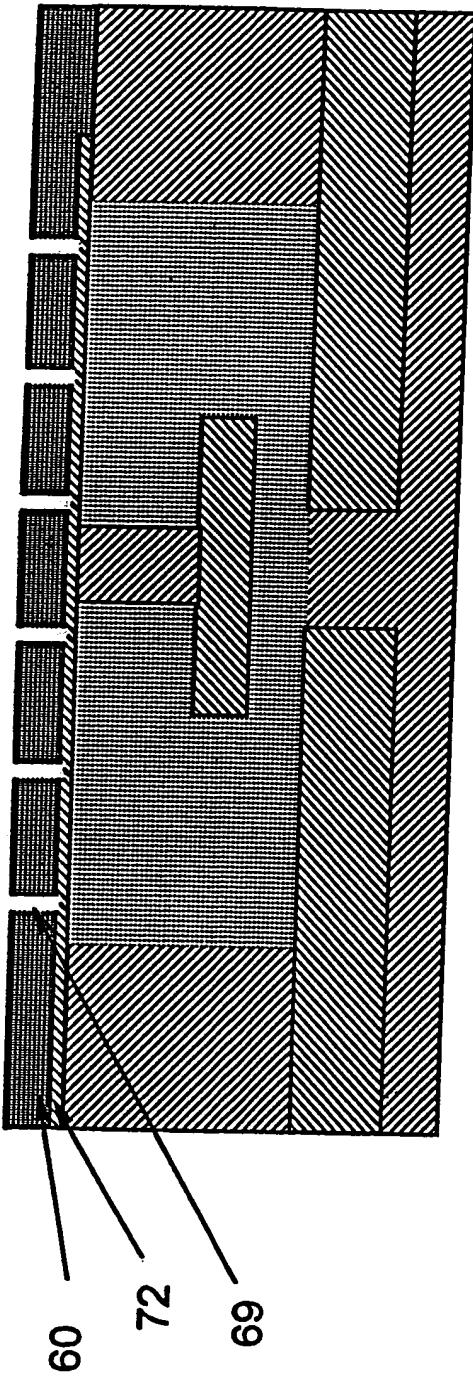


Figure 8F

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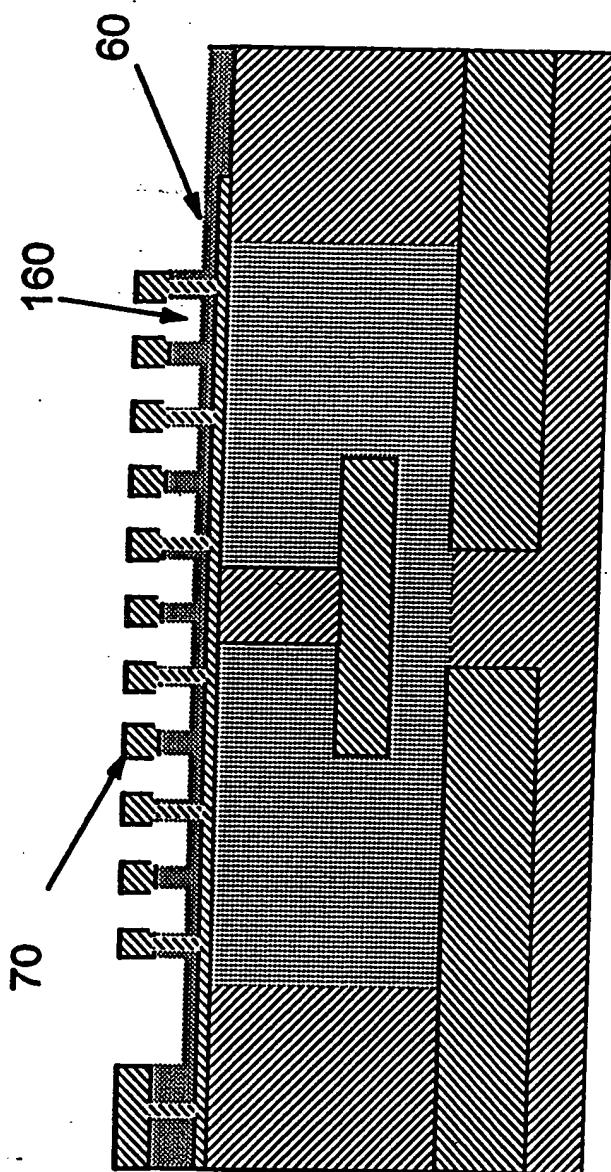


Figure 8I

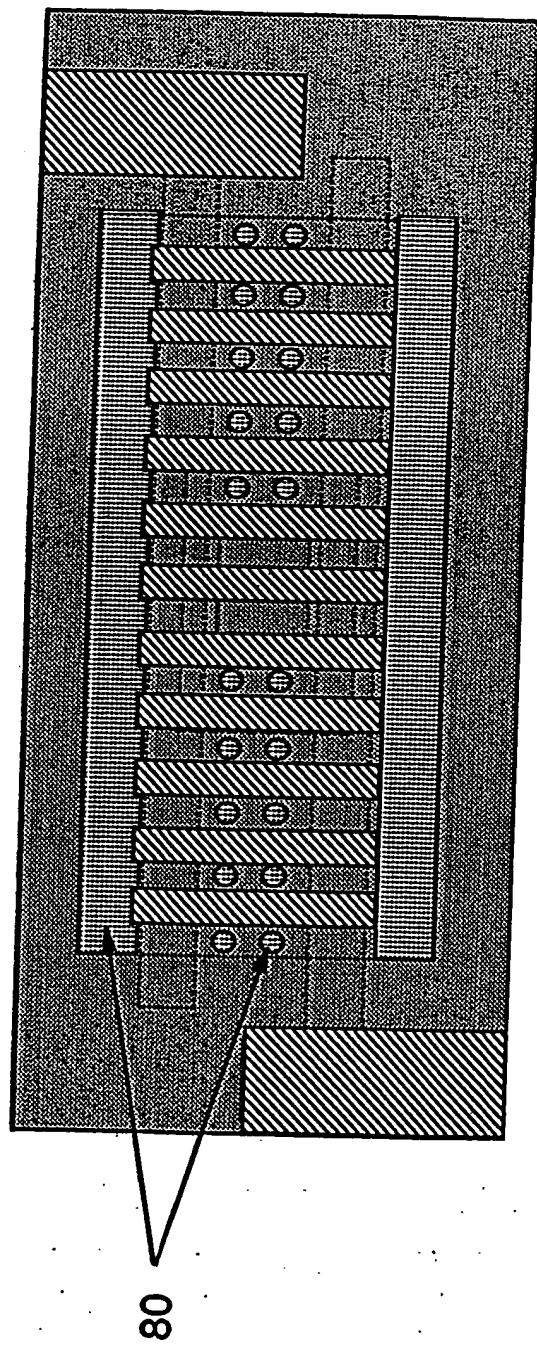
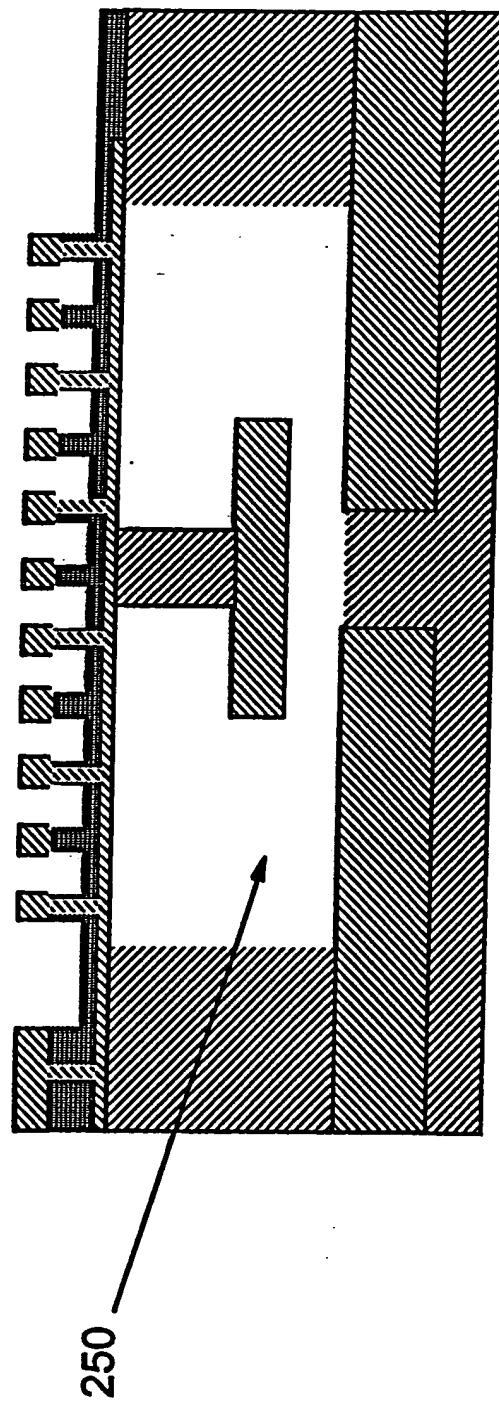


Figure 8J

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